

```
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW031325\
Data File : VW038698.D
Acq On    : 13 Mar 2025  10:27
Operator  : SY/MD
Sample    : VSTD00136
Misc      : 25.0mL/MSVOA_V/WATER
ALS Vial  : 3      Sample Multiplier: 1
```

Quant Time: Mar 13 12:11:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031325WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Mar 13 11:33:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	142884	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	155225	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	69566	5.00	ug/L	0.00

System Monitoring Compounds

4)	Vinyl Chloride-d3	1.275	65	9121	0.62 ug/L	0.00
7)	Chloroethane-d5	1.529	69	8787	0.79 ug/L	0.00
11)	1,1-Dichloroethene-d2	2.053	65	4930	0.80 ug/L	0.00
20)	2-Butanone-d5	3.847	46	18618m	7.26 ug/L	0.05
24)	Chloroform-d	4.249	84	20600	0.88 ug/L	0.00
26)	1,2-Dichloroethane-d4	4.953	65	9044	0.88 ug/L	0.02
32)	Benzene-d6	4.963	84	34383	0.76 ug/L	0.00
36)	1,2-Dichloropropane-d6	5.992	67	9635	0.72 ug/L	0.00
41)	Toluene-d8	7.243	98	29327	0.72 ug/L	0.00
43)	trans-1,3-Dichloroprop...	7.571	79	3092	0.63 ug/L	0.02
46)	2-Hexanone-d5	8.037	63	11519	6.02 ug/L	0.02
56)	1,1,2,2-Tetrachloroeth...	10.149	84	10084	0.88 ug/L	0.00
66)	1,2-Dichlorobenzene-d4	11.558	152	11087	0.92 ug/L	0.00

Target Compounds

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.105	85	14609	0.86 ug/L	99
3) Chloromethane	1.214	50	14449	0.91 ug/L	100
5) Vinyl chloride	1.281	62	15019	0.89 ug/L	83
6) Bromomethane	1.484	94	6593	0.91 ug/L	94
8) Chloroethane	1.545	64	9428	0.90 ug/L	94
9) Trichlorofluoromethane	1.709	101	21408	0.95 ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	12317		
12) 1,1-Dichloroethene	2.066	96	10850		
13) Acetone	2.127	43	19515		
14) Carbon disulfide	2.236	76	34425		
15) Methyl Acetate	2.394	43	4680	0.97 ug/L	87
16) Methylene chloride	2.445	84	12997		
17) Methyl tert-butyl Ether	2.703	73	21545		
18) trans-1,2-Dichloroethene	2.693	96	10394		
19) 1,1-Dichloroethane	3.108	63	22087	0.94 ug/L	97
21) 2-Butanone	3.918	43	19941	7.05 ug/L	
22) cis-1,2-Dichloroethene	3.818	96	10058	0.80 ug/L	99
23) Bromochloromethane	4.156	128	5818	0.97 ug/L	84
25) Chloroform	4.275	83	22307	0.95 ug/L	93
27) 1,2-Dichloroethane	5.056	62	11910	0.86 ug/L	95
29) 1,1,1-Trichloroethane	4.503	97	19203	0.88 ug/L	98
30) Cyclohexane	4.574	56	12842	0.68 ug/L	96
31) Carbon tetrachloride	4.725	117	17639	0.92 ug/L	97
33) Benzene	5.011	78	39720	0.81 ug/L	100
34) Trichloroethene	5.838	95	11252	0.89 ug/L	93
35) Methylcyclohexane	6.043	83	14390	0.72 ug/L	99
37) 1,2-Dichloropropane	6.091	63	10526	0.85 ug/L	98
38) Bromodichloromethane	6.436	83	15410	0.90 ug/L	95
39) cis-1,3-Dichloropropene	6.966	75	12737	0.75 ug/L	93
40) 4-Methyl-2-pentanone	7.159	43	45985	7.05 ug/L	97
42) Toluene	7.317	91	38508	0.74 ug/L	96
44) trans-1,3-Dichloropropene	7.596	75	11280	0.79 ug/L	96

Հոբելանքի ԲՆ : Զեռաբախ Կաթիլուկ 03/ՂՎ/5052
Բեռնի ԲՆ : Կարաբաք Բաղրաբ 03/ՂՎ/5052

APPROVED
Manual Integrations

0.97 ug/L # 87

Statement :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV031325\
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Sample : VSTD00136
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 13 12:11:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031325WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Mar 13 11:33:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.770	97	8387	0.86	ug/L	94
47) Tetrachloroethene	7.902	164	8724	0.89	ug/L	90
48) 2-Hexanone	8.085	43	29051	6.04	ug/L #	93
49) Dibromochloromethane	8.172	129	9311	0.86	ug/L	90
50) 1,2-Dibromoethane	8.284	107	7333	0.82	ug/L	89
51) Chlorobenzene	8.812	112	29505	0.86	ug/L	93
52) Ethylbenzene	8.943	91	41799	0.75	ug/L	98
53) m,p-Xylene	9.072	106	14505	0.71	ug/L	86
54) o-Xylene	9.474	106	13574	0.68	ug/L	99
55) Styrene	9.500	104	22227	0.66	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.172	83	10259	0.86	ug/L	92
59) Bromoform	9.667	173	4624	0.99	ug/L #	89
60) Isopropylbenzene	9.863	105	37362	0.82	ug/L	98
61) 1,2,3-Trichloropropane	10.207	75	6602	0.92	ug/L #	90
62) 1,3,5-Trimethylbenzene	10.471	105	26241	0.73	ug/L	94
63) 1,2,4-Trimethylbenzene	10.847	105	25493	0.71	ug/L	98
64) 1,3-Dichlorobenzene	11.117	146	19975	0.87	ug/L	95
65) 1,4-Dichlorobenzene	11.204	146	20455	0.88	ug/L	97
67) 1,2-Dichlorobenzene	11.577	146	19368	0.90	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.368	75	1618	1.11	ug/L	95
69) 1,3,5-Trichlorobenzene	12.577	180	13196	0.88	ug/L	97
70) 1,2,4-trichlorobenzene	13.197	180	9609	0.85	ug/L	100
71) Naphthalene	13.445	128	11315	0.62	ug/L	96
72) 1,2,3-Trichlorobenzene	13.676	180	8522	0.81	ug/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Supervised By : Jemelle Yegorova 03/13/2025
Reviewed By : Marnie Daboda 03/13/2025

APPROVED
Manual Integrations

1210001530
Client Sampled :
MS/MS
Instrument :

